



**WACKER
NEUSON**

HYDRO TECHNOLOGY SYSTEMS

IRFU

High Frequency Internal Vibrators with integrated converter



Quite simply extremely flexible: The IRFU Range

The high-frequency internal vibrators of the IRFU range share one main characteristic: They simply connect to the 1-phase power supply and are ready to use. Quick, simple, flexible. Ideal for independent operation.

- Integrated frequency converter
- Reliable operation, even if the input voltages fluctuate and when used with generators
- Non-wearing converter due to sealed electronics
- Rubber coated head model designed for use with epoxy rebar.
- Available in different hose lengths and voltages



For more safety: the Wacker Neuson Bodyguard™

The Wacker Neuson Bodyguard™ is an integrated safety switch (bodyguard), which will switch off the device within 3 milliseconds if necessary. That means: Absolute safety for the user - from Bodyguard™ through to the vibrator head



Technical specifications

	IRFU 30	IRFU 38	IRFU 45
Diameter of the vibrator head in	1.2	1.4	1.8
Length of the vibrator head in	13.8	13.6	15
Weight of the vibrator head lb	3.1	4.9	7.7
Protective hose ft	16.4	16.4	16.4
Operating weight lb	25.4	30	32.2
Effective diameter * in	15.8	19.7	23.6
Vibrations rpm	12,000	12,000	12,000
Engine / Motor	High-frequency squirrel cage motor with integrated electronic frequency converter in the switch housing	High-frequency squirrel cage motor with integrated electronic frequency converter in the switch housing.	High-frequency squirrel cage motor with integrated electronic frequency converter in the switch housing
Voltage ** 1~ V	120	120	120
Current A	4.4	7	9.6
Frequency Hz	50 - 60	50 - 60	50 - 60
Power cable ft	49.2	49.2	49.2
Feed cable ft	1.6	1.6	1.6
	IRFU 57	IRFU 60HR	IRFU 65
Diameter of the vibrator head in	2.2	2.6	2.6
Length of the vibrator head in	15.8	16.3	19.3
Weight of the vibrator head lb	12.8	13.7	20.3
Hose Available Lengths ft	16.4 - 26.25 - 32.8	16.4 - 26.25	16.4 - 26.25 - 32.8
Operating weight lb	43.7	48.1	56.2
Effective diameter * in	33.5	33.5	39.4
Vibrations rpm	12,000	12,000	12,000
Engine / Motor	High-frequency squirrel cage motor with integrated electronic frequency converter in the switch housing	High-frequency squirrel cage motor with integrated electronic frequency converter in the switch housing	High-frequency squirrel cage motor with integrated electronic frequency converter in the switch housing
Voltage ** 1~ V	120	120	120
Current A	12	14	15
Frequency Hz	50 - 60	50 - 60	50 - 60



	IRFU 57	IRFU 60HR	IRFU 65
Power cable ft	49.2	49.2	49.2
Feed cable ft	1.6	1.6	1.6

*This is non-binding information, based on the practical experience of our clients under certain operating conditions. Please note that under specific operating conditions these findings may vary. We recommend that you always perform a test pouring under the operating conditions. **250V version available

Please note

that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions. Subject to alterations and errors excepted. Applicable also to illustrations.